FIG. 1

201	202	203
64-BITS	48-BITS DEVICE ADDRESS	16-BITS

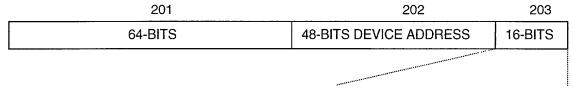0000000000000000 = incoming connection
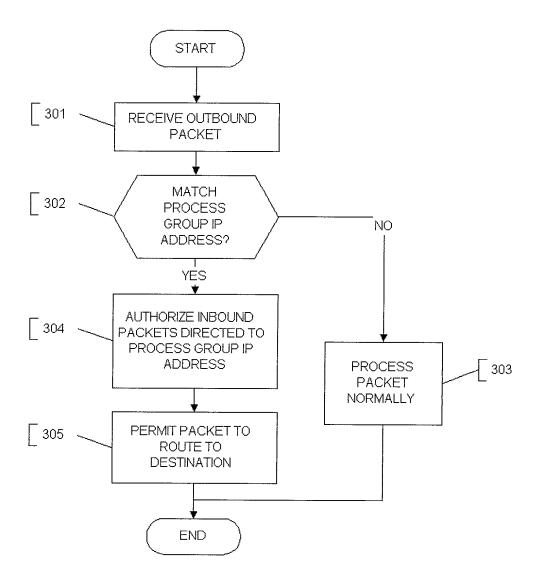otherwise = process group address

FIG. 2

START

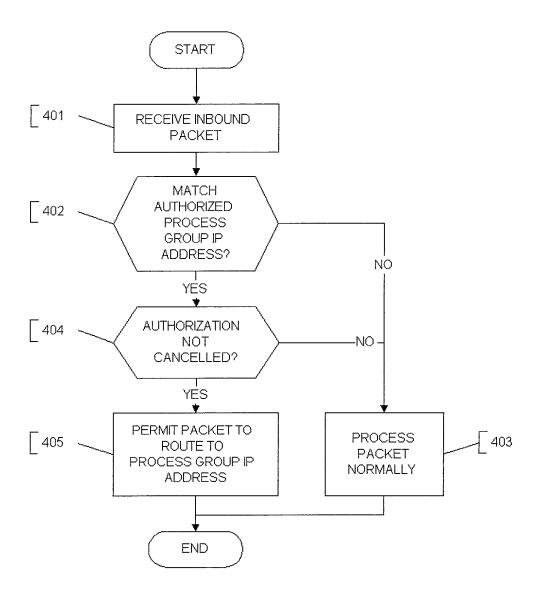301 — RECEIVE OUTBOUND PACKET

302 — MATCH PROCESS GROUP IP ADDRESS?

NO

YES

304 — AUTHORIZE INBOUND PACKETS DIRECTED TO PROCESS GROUP IP ADDRESS

303 — PROCESS PACKET NORMALLY

305 — PERMIT PACKET TO ROUTE TO DESTINATION

END

FIG. 3

```
                    ┌─────────────┐
                    │    START    │
                    └─────────────┘
                           │
                           ▼
        ┌─401      ┌─────────────────────┐
                   │  RECEIVE INBOUND    │
                   │      PACKET         │
                   └─────────────────────┘
                           │
                           ▼
        ┌─402         ╱─────────────╲
                     │    MATCH      │
                     │  AUTHORIZED   │─────────────┐
                     │   PROCESS     │             │
                     │   GROUP IP    │             │
                     │   ADDRESS?    │            NO
                      ╲─────────────╱              │
                           │                       │
                          YES                      │
                           ▼                       │
        ┌─404         ╱─────────────╲              │
                     │ AUTHORIZATION │─── NO ───┐  │
                     │     NOT       │          │  │
                     │  CANCELLED?   │          │  │
                      ╲─────────────╱           │  │
                           │                    │  │
                          YES                   │  │
                           ▼                    ▼  ▼
        ┌─405  ┌─────────────────────┐   ┌──────────────┐
               │  PERMIT PACKET TO   │   │   PROCESS    │ ─┐ 403
               │     ROUTE TO        │   │    PACKET    │
               │  PROCESS GROUP IP   │   │   NORMALLY   │
               │      ADDRESS        │   └──────────────┘
               └─────────────────────┘          │
                           │                     │
                           └──────────┬──────────┘
                                      ▼
                               ┌─────────────┐
                               │     END     │
                               └─────────────┘
```

FIG. 4